

FEE TRANSMITTAL

Electronic Version v08

Stylesheet Version v08.0

Title of Invention	METHOD AND STRUCTURE FOR VERTICAL DRAM DEVICES WITH SELF-ALIGNED UPPER TRENCH SHAPING
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Application Number :

Date :

First Named Applicant: Kangguo Cheng

Attorney Docket Number: FIS920030163US1

TOTAL FEE AUTHORIZED \$ 964

Patent fees are subject to annual revisions on or about October 1st of each year.

Filing as large entity

BASIC FILING FEE

Fee Description	Fee Code	Amount \$	Fee Paid \$
Utility Filing Fee	1001	750	750
Subtotal For Basic Filing Fees: \$ 750			

EXTRA CLAIM FEES

Fee Description	Extra Claim	Fee Code	Amount \$	Fee Paid \$
Total Claims : 25	5	1202	18	90
Independent Claims : 4	1	1201	84	84
Subtotal For Extra Claims Fees: \$ 174				

ASSIGNMENT FEES

Fee Description	Property Number	Quantity	Fee Code	Amount \$	Fee Paid \$
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	40	40
Subtotal For Additional Fees: \$40					

AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 090458

Deposit name: International Business Machines Corporation

Deposit authorized name: James J. Cioffi

Signature: James J. Cioffi/ s /

Date (YYYYMMDD): 2003-07-30

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.